

James S Gammie

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

4,401
citations

212478

28
h-index

124990

64
g-index

94
all docs

94
docs citations

94
times ranked

4523
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitral-Valve Repair versus Replacement for Severe Ischemic Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2014, 370, 23-32.	13.9	792
2	Two-Year Outcomes of Surgical Treatment of Severe Ischemic Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2016, 374, 344-353.	13.9	752
3	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. <i>Circulation</i> , 2018, 137, 388-399.	1.6	350
4	Contemporary Real-World Outcomes of Surgical Aortic Valve Replacement in 141,905 Low-Risk, Intermediate-Risk, and High-Risk Patients. <i>Annals of Thoracic Surgery</i> , 2015, 99, 55-61.	0.7	253
5	Isolated Mitral Valve Surgery: The Society of Thoracic Surgeons Adult Cardiac Surgery Database Analysis. <i>Annals of Thoracic Surgery</i> , 2018, 106, 716-727.	0.7	216
6	Contemporary management and outcomes of acute type A aortic dissection: An analysis of the STS adult cardiac surgery database. <i>Journal of Cardiac Surgery</i> , 2018, 33, 7-18.	0.3	116
7	Concomitant Tricuspid Repair in Patients with Degenerative Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2022, 386, 327-339.	13.9	102
8	Utilization of Venous-Arterial Extracorporeal Membrane Oxygenation for Massive Pulmonary Embolism. <i>Annals of Thoracic Surgery</i> , 2018, 105, 498-504.	0.7	100
9	Factors associated with acute stroke after type A aortic dissection repair: An analysis of the Society of Thoracic Surgeons National Adult Cardiac Surgery Database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2143-2154.e3.	0.4	93
10	The Surge After the Surge: Cardiac Surgery Post-COVID-19. <i>Annals of Thoracic Surgery</i> , 2020, 110, 2020-2025.	0.7	87
11	Cardiovascular Outcomes Assessment of the MitraClip in Patients with Heart Failure and Secondary Mitral Regurgitation: Design and rationale of the COAPT trial. <i>American Heart Journal</i> , 2018, 205, 1-11.	1.2	84
12	Transapical Beating-Heart Mitral Valve Repair With an Expanded Polytetrafluoroethylene Cordal Implantation Device. <i>Circulation</i> , 2016, 134, 189-197.	1.6	80
13	Current Outcomes for Tricuspid Valve Infective Endocarditis Surgery in North America. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1374-1381.	0.7	78
14	Beating-Heart Mitral Valve Repair Using Novel ePTFE Cordal Implantation Device. <i>Journal of the American College of Cardiology</i> , 2018, 71, 25-36.	1.2	71
15	Outcomes and Prosthesis Choice for Active Aortic Valve Infective Endocarditis: Analysis of The Society of Thoracic Surgeons Adult Cardiac Surgery Database. <i>Annals of Thoracic Surgery</i> , 2014, 98, 806-814.	0.7	64
16	The use of extended criteria donors decreases one-year survival in high-risk lung recipients: A review of the United Network of Organ Sharing Database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 891-898.e2.	0.4	58
17	Small-Incision Mitral Valve Repair. <i>Annals of Surgery</i> , 2009, 250, 409-415.	2.1	55
18	Outcomes after surgical pulmonary embolectomy for acute submassive and massive pulmonary embolism: A single-center experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1095-1106.e2.	0.4	55

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19	Contemporary Outcomes of Operations for Tricuspid Valve Infective Endocarditis. <i>Annals of Thoracic Surgery</i> , 2015, 99, 539-546.	0.7	52
20	Trends in Robotic-Assisted Coronary Artery Bypass Grafts: A Study of The Society of Thoracic Surgeons Adult Cardiac Surgery Database, 2006 to 2012. <i>Annals of Thoracic Surgery</i> , 2016, 102, 140-146.	0.7	41
21	Triage and optimization: A new paradigm in the treatment of massive pulmonary embolism. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 672-681.	0.4	41
22	Asymmetric versus Symmetric Tethering Patterns in Ischemic Mitral Regurgitation: Geometric Differences from Three-Dimensional Transesophageal Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 367-375.	1.2	39
23	Robotic Mitral Valve Repair in Older Individuals: An Analysis of The Society of Thoracic Surgeons Database. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1388-1393.	0.7	39
24	A Novel Risk Score Predicts Operative Mortality After Acute Type A Aortic Dissection Repair. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1759-1766.	0.7	35
25	Repeat Sternotomy: No Longer a Risk Factor in Mitral Valve Surgical Procedures. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1358-1365.	0.7	33
26	The Impact of Mitral Disease Etiology on Operative Mortality After Mitral Valve Operations. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1406-1413.	0.7	33
27	Healthcare-Associated Infections in Cardiac Surgery Patients With Prolonged Intensive Care Unit Stay. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1165-1170.	0.7	32
28	Less-Invasive Aortic Valve Replacement: Trends and Outcomes From The Society of Thoracic Surgeons Database. <i>Annals of Thoracic Surgery</i> , 2021, 111, 1216-1223.	0.7	32
29	Less Invasive Mitral Surgery Versus Conventional Sternotomy Stratified by Mitral Pathology. <i>Annals of Thoracic Surgery</i> , 2021, 111, 819-827.	0.7	31
30	Safety and performance of a novel transventricular beating heart mitral valve repair system: 1-year outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 199-206.	0.6	31
31	Restricted Albumin Utilization Is Safe and Cost Effective in a Cardiac Surgery Intensive Care Unit. <i>Annals of Thoracic Surgery</i> , 2017, 104, 42-48.	0.7	29
32	Long-term Performance of Fresh Autologous Pericardium for Mitral Valve Leaflet Repair. <i>Annals of Thoracic Surgery</i> , 2020, 109, 36-41.	0.7	29
33	Undersized Rigid Nonplanar Annuloplasty: The Key to Effective and Durable Repair of Functional Tricuspid Regurgitation. <i>Annals of Thoracic Surgery</i> , 2016, 102, 735-742.	0.7	27
34	Intra-abdominal Hypertension and Postoperative Kidney Dysfunction in Cardiac Surgery Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1571-1577.	0.6	25
35	Optimal Plasma Transfusion in Patients Undergoing Cardiac Operations With Massive Transfusion. <i>Annals of Thoracic Surgery</i> , 2017, 104, 153-160.	0.7	25
36	Transmitral Septal Myectomy for Hypertrophic Obstructive Cardiomyopathy. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1102-1108.	0.7	25

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37	Mitral valve surgery in the US Veterans Administration health system: 10-year outcomes and trends. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 105-117.e5.	0.4	23
38	Mortality Risk Assessment in COVID-19 Venovenous Extracorporeal Membrane Oxygenation. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1983-1989.	0.7	23
39	Preoperative Venoaerterial Extracorporeal Membrane Oxygenation Slashes Risk Score in Advanced Structural Heart Disease. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1709-1715.	0.7	21
40	Progression of Tricuspid Regurgitation After Surgery for Ischemic Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2021, 77, 713-724.	1.2	21
41	Staphylococcus aureus Infections After Elective Cardiothoracic Surgery: Observations From an International Randomized Placebo-Controlled Trial of an Investigational S aureus Vaccine. <i>Open Forum Infectious Diseases</i> , 2014, 1, ofu071.	0.4	20
42	Minimally Invasive Aortic Valve Replacement. <i>Journal of Cardiac Surgery</i> , 2016, 31, 38-50.	0.3	20
43	Early Operation in Patients With Mitral Valve Infective Endocarditis and Acute Stroke Is Safe. <i>Annals of Thoracic Surgery</i> , 2018, 105, 69-75.	0.7	17
44	Hematologic evaluation of intraoperative autologous blood collection and allogeneic transfusion in cardiac surgery. <i>Transfusion</i> , 2021, 61, 788-798.	0.8	16
45	Programmatic and Surgeon Specialization Improves Mortality in Isolated Coronary Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1150-1158.	0.7	14
46	The Incidence and Outcomes of Surgical Pulmonary Embolectomy in North America. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1401-1408.	0.7	14
47	Does Mitral Valve Repair Offer an Advantage Over Replacement in Patients Undergoing Aortic Valve Replacement?. <i>Annals of Thoracic Surgery</i> , 2014, 98, 598-604.	0.7	13
48	Surgical Management of Caseous Calcification of the Mitral Annulus. <i>Annals of Thoracic Surgery</i> , 2015, 99, 2231-2233.	0.7	12
49	Initial Clinical Experience With Mitral Valve Translocation for Secondary Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1946-1953.	0.7	12
50	Variation in Warfarin Use at Hospital Discharge After Isolated Bioprosthetic Mitral Valve Replacement. <i>Chest</i> , 2016, 150, 597-605.	0.4	11
51	Impact of Microbiological Organism Type on Surgically Managed Endocarditis. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1325-1329.	0.7	11
52	Degenerative Mitral Valve Repair Simplified: An Evolution to Universal Artificial Cordal Repair. <i>Annals of Thoracic Surgery</i> , 2020, 110, 464-473.	0.7	11
53	The Expanding Role of Mitral Valve Repair in Triple Valve Operations: Contemporary North American Outcomes in 8,021 Patients. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1513-1519.	0.7	10
54	A Novel Quantitative Ex Vivo Model of Functional Mitral Regurgitation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2020, 15, 329-337.	0.4	9

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55	Development of a Reproducible Swine Model of Chronic Ischemic Mitral Regurgitation: Lessons Learned. <i>Annals of Thoracic Surgery</i> , 2021, 111, 117-125.	0.7	9
56	The Society of Thoracic Surgeons Adult Cardiac Surgery Database: 2019 Update on Research. <i>Annals of Thoracic Surgery</i> , 2019, 108, 334-342.	0.7	8
57	Hospital variability in modifiable factors driving coronary artery bypass charges. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 764-772.e2.	0.4	8
58	Mitral Valve Translocation: A Novel Operation for the Treatment of Secondary Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1954-1961.	0.7	8
59	Characterization of Postoperative Infection Risk in Cardiac Surgery Patients With Delayed Sternal Closure. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1238-1243.	0.6	7
60	A Pharmacokinetic and Pharmacodynamic Investigation of an Îµ-Aminocaproic Acid Regimen Designed for Cardiac Surgery With Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 406-417.	0.6	7
61	Surgical Ablation for Atrial Fibrillation in Cardiac Surgery a Consensus Statement of the International Society of Minimally Invasive Cardiothoracic Surgery (ISMICS) 2009. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010, 5, 74-83.	0.4	7
62	Inflow Cannula Position Influences Improvement in Mitral Regurgitation After Ventricular Assist Device Implantation. <i>ASAIO Journal</i> , 2021, 67, 423-429.	0.9	6
63	Quantitating Mitral Regurgitation in Clinical Trials: The Need for a Uniform Approach. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	5
64	Mitral Valve Translocation: Optimization of Patch Geometry in an Ex Vivo Model of Secondary Mitral Regurgitation. <i>Journal of Cardiovascular Translational Research</i> , 2022, 15, 666-675.	1.1	5
65	Surgical Ablation for Atrial Fibrillation in Cardiac Surgery a Meta-Analysis and Systematic Review. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010, 5, 84-96.	0.4	4
66	Impact of aspirin use on morbidity and mortality in massively transfused cardiac surgery patients: a propensity score matched cohort study. <i>Journal of Anesthesia</i> , 2016, 30, 817-825.	0.7	4
67	Percutaneous Rescue for Critical Mitral Stenosis Late After Mitral Valve Repair. <i>Annals of Thoracic Surgery</i> , 2016, 102, e417-e418.	0.7	4
68	Bilateral Internal Mammary Artery Use Can Be Safely Taught Without Increasing Morbidity or Mortality. <i>Annals of Thoracic Surgery</i> , 2018, 105, 76-82.	0.7	4
69	A novel adaptor system enables endovascular access through extracorporeal life support circuits. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 1359-1366.	0.4	4
70	Catheter-based interventions versus medical and surgical approaches in acute pulmonary embolism. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2021, 9, 1382-1390.	0.9	4
71	Maryland's Global Budget Revenue Program and Coronary Artery Bypass Surgery. <i>Annals of Thoracic Surgery</i> , 2020, 110, 592-597.	0.7	3
72	Cardiac surgeons' concerns, perceptions, and responses during the COVID-19 pandemic. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3040-3051.	0.3	3

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73	Intraoperative echocardiographic assessment of mitral valve translocation. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	3
74	Ideal therapy for secondary mitral regurgitation: should we look under the annulus?. <i>Heart</i> , 2018, 104, 1731-1732.	1.2	2
75	Transseptal Puncture Learning Curve for Transcatheter Edge-to-Edge Mitral Valve Repair. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021, 16, 288-292.	0.4	2
76	Peripheral cannulation for extracorporeal membrane oxygenation yields superior neurologic outcomes in adult patients who experienced cardiac arrest following cardiac surgery. <i>Perfusion (United Kingdom)</i> , 2022, 37, 745-751.	0.5	2
77	Intensive care and anesthesia management for HARPOON beating heart mitral valve repair. <i>Annals of Cardiac Anaesthesia</i> , 2020, 23, 321.	0.3	2
78	Effectiveness of telemedicine in a mitral valve center of excellence. <i>Journal of Cardiac Surgery</i> , 2022, , .	0.3	2
79	Response by Gammie et al to Letter Regarding Article, "Transapical Beating-Heart Mitral Valve Repair With an Expanded Polytetrafluoroethylene Cordal Implantation Device: Initial Clinical Experience". <i>Circulation</i> , 2017, 135, e18-e19.	1.6	1
80	Hypothermia, pH, and Postoperative Red Blood Cell Transfusion in Massively Transfused Adult Cardiac Surgery Patients: A Retrospective Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 1642-1647.	0.6	1
81	Sutureless Closure of Arterial Cannulation Sites. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2020, 15, 138-141.	0.4	1
82	Commentary: Late tricuspid valve insufficiency following mitral valve repair: A marker or a cause for inferior outcome?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 2042-2044.	0.4	1
83	Translocation of the Mitral Valve in an Acute Large Animal Model. <i>Journal of Cardiovascular Translational Research</i> , 2022, 15, 1100-1107.	1.1	1
84	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2015, 99, 2000.	0.7	0
85	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2016, 101, 2250-2251.	0.7	0
86	Reply. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1592.	0.7	0
87	Reply. <i>Annals of Thoracic Surgery</i> , 2019, 108, 646.	0.7	0
88	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2020, 109, 602.	0.7	0
89	Reply to Hysi and Fabre. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 1003-1004.	0.6	0
90	Developing and Evaluating a Chronic Ischemic Mitral Regurgitation Animal Model. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	0

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91	Reproducibility and Survival in Swine Structural Heart Research. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	0
92	Standardization of Mitral Regurgitation Grading Starts with Abandoning Historical "Plus" Terminology. <i>Annals of Thoracic Surgery</i> , 2022, , .	0.7	0
93	An automated coring and apical connector insertion device facilitates aortic valve bypass (apicoaortic conduit) surgery: preclinical experience in a chronic ovine model. <i>Journal of Heart Valve Disease</i> , 2012, 21, 494-501.	0.5	0
94	Decalcification of the mitral annulus using ultrasonic energy. <i>Annals of Thoracic Surgery</i> , 2022, , .	0.7	0